

FIG. 1

2/13

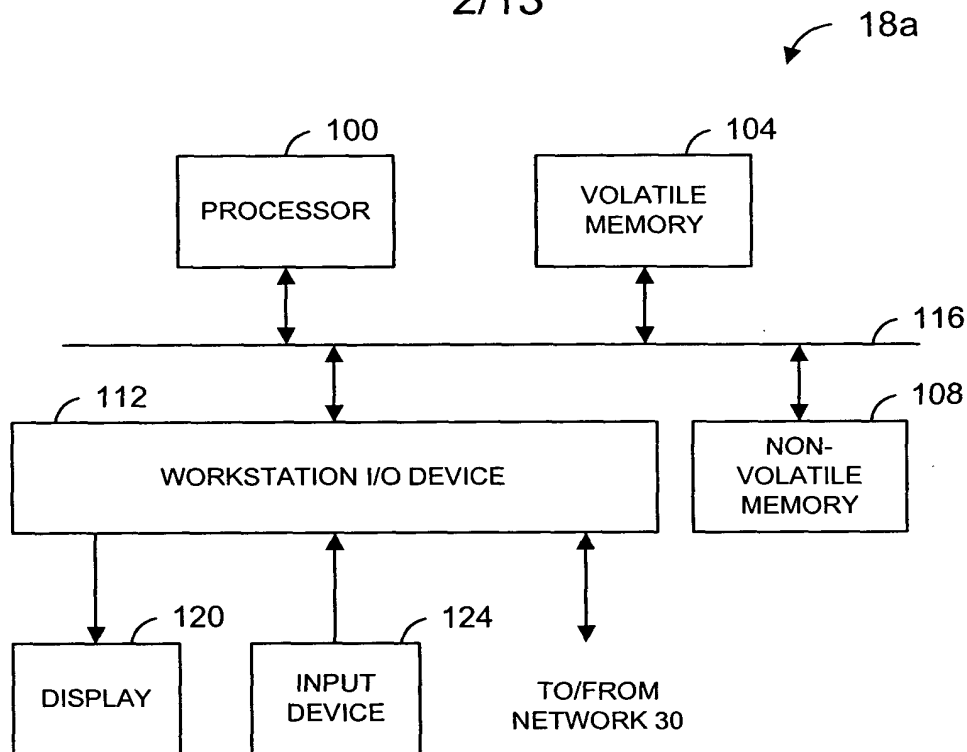


FIG. 2

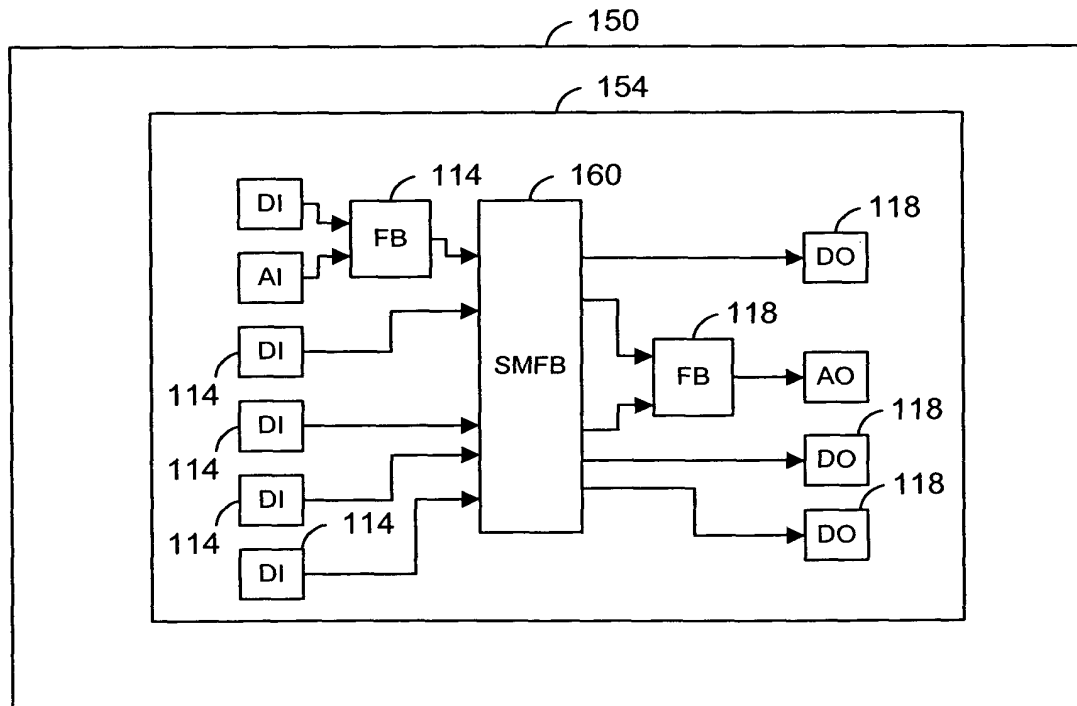


FIG. 3

3/13

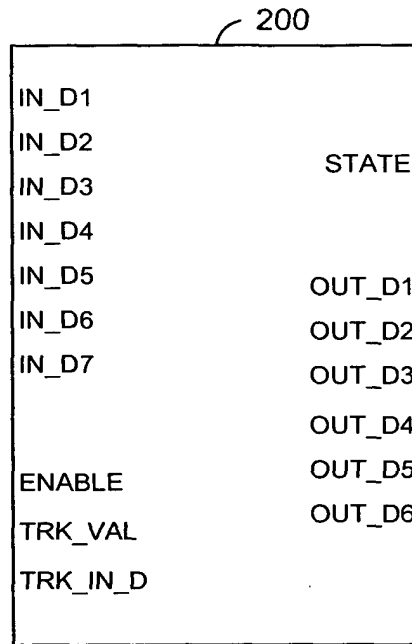


FIG. 4

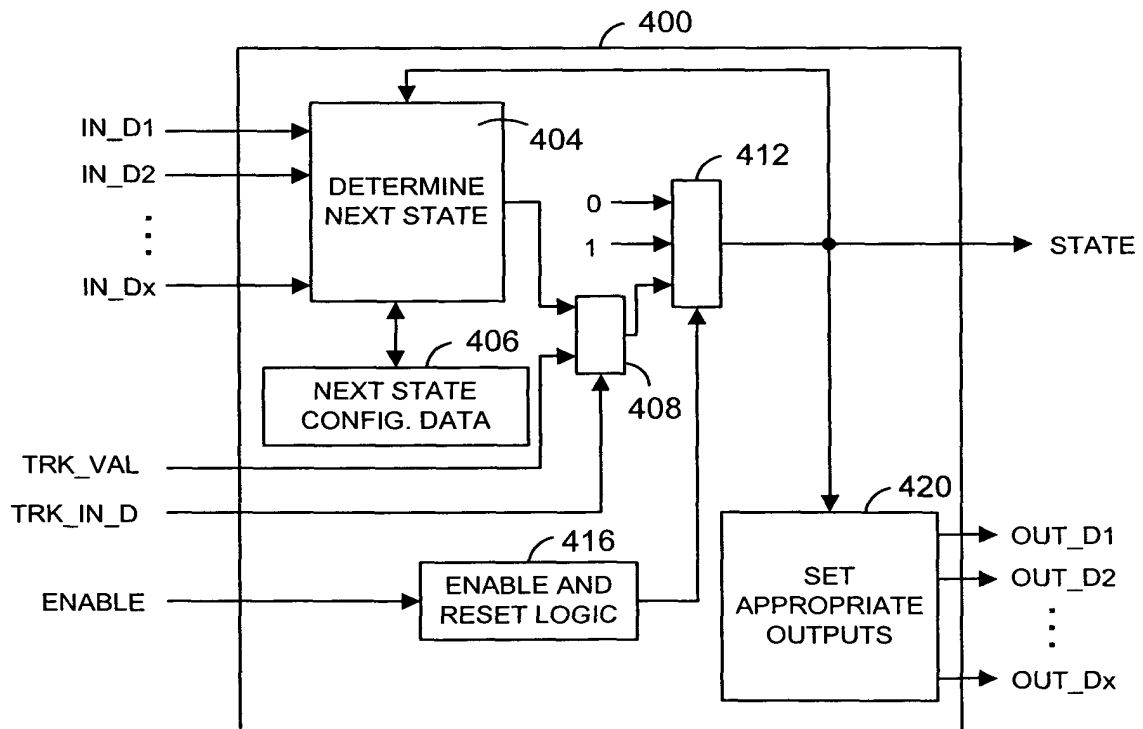


FIG. 8

300

STATES INPUTS	1 - TRIPPED	2 - WAITING FOR RESET	3 - READY FOR RESET	4 - WAITING FOR START	5 - NORMAL OPERATION	6 - RECOVERED
1 - INITIAL						
2 - RESET PERMIT						
3 - RESET						
4 - START PERMIT						
5 - NORMAL						
6 - TRIP REQUESTED						
7 - START RECOVER						

304

FIG. 5

300

STATES INPUTS	1 - TRIPPED	2 - WAITING FOR RESET	3 - READY FOR RESET	4 - WAITING FOR START	5 - NORMAL OPERATION	6 - RECOVERED
1 - INITIAL	2 - WAITING FOR RESET	3 - READY FOR RESET	2 - WAITING FOR RESET			
2 - RESET PERMIT	3 - READY FOR RESET	4 - WAITING FOR START				
3 - RESET	4 - WAITING FOR START		4 - WAITING FOR START			
4 - START PERMIT				5 - NORMAL OPERATION		
5 - NORMAL	5 - NORMAL OPERATION		5 - NORMAL OPERATION			
6 - TRIP REQUESTED		1 - TRIPPED	1 - TRIPPED	1 - TRIPPED	1 - TRIPPED	1 - TRIPPED
7 - START RECOVER					6 - RECOVERED	

304B

304A

304C

304D

FIG. 6

6/13

350

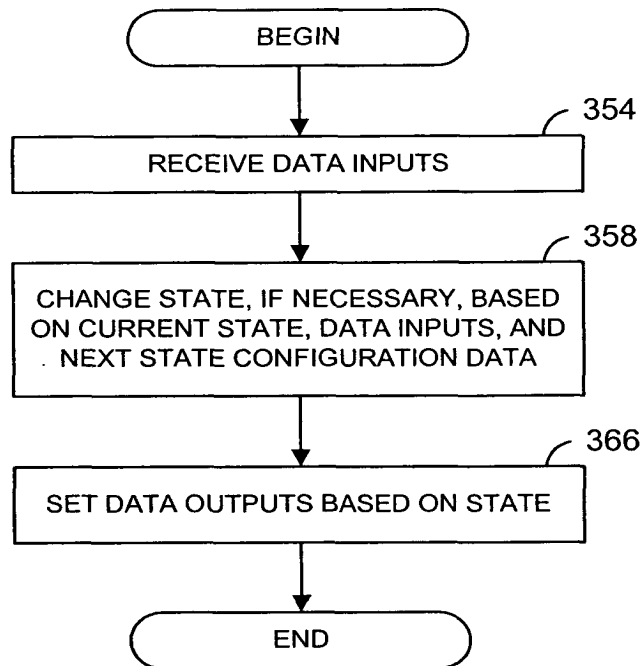


FIG. 7

450

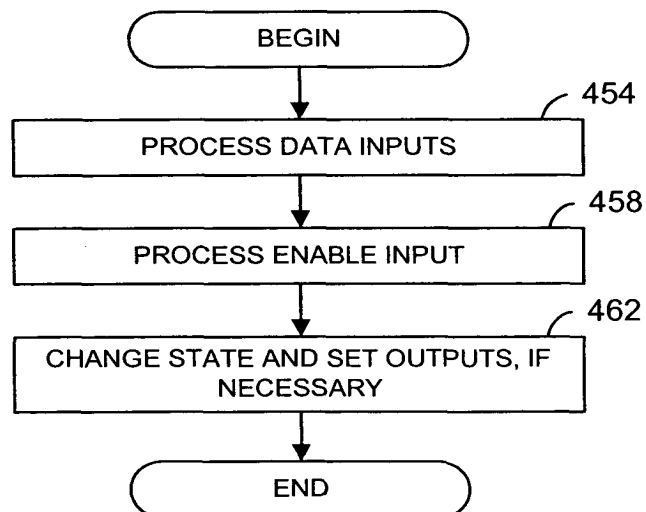


FIG. 9

7/13

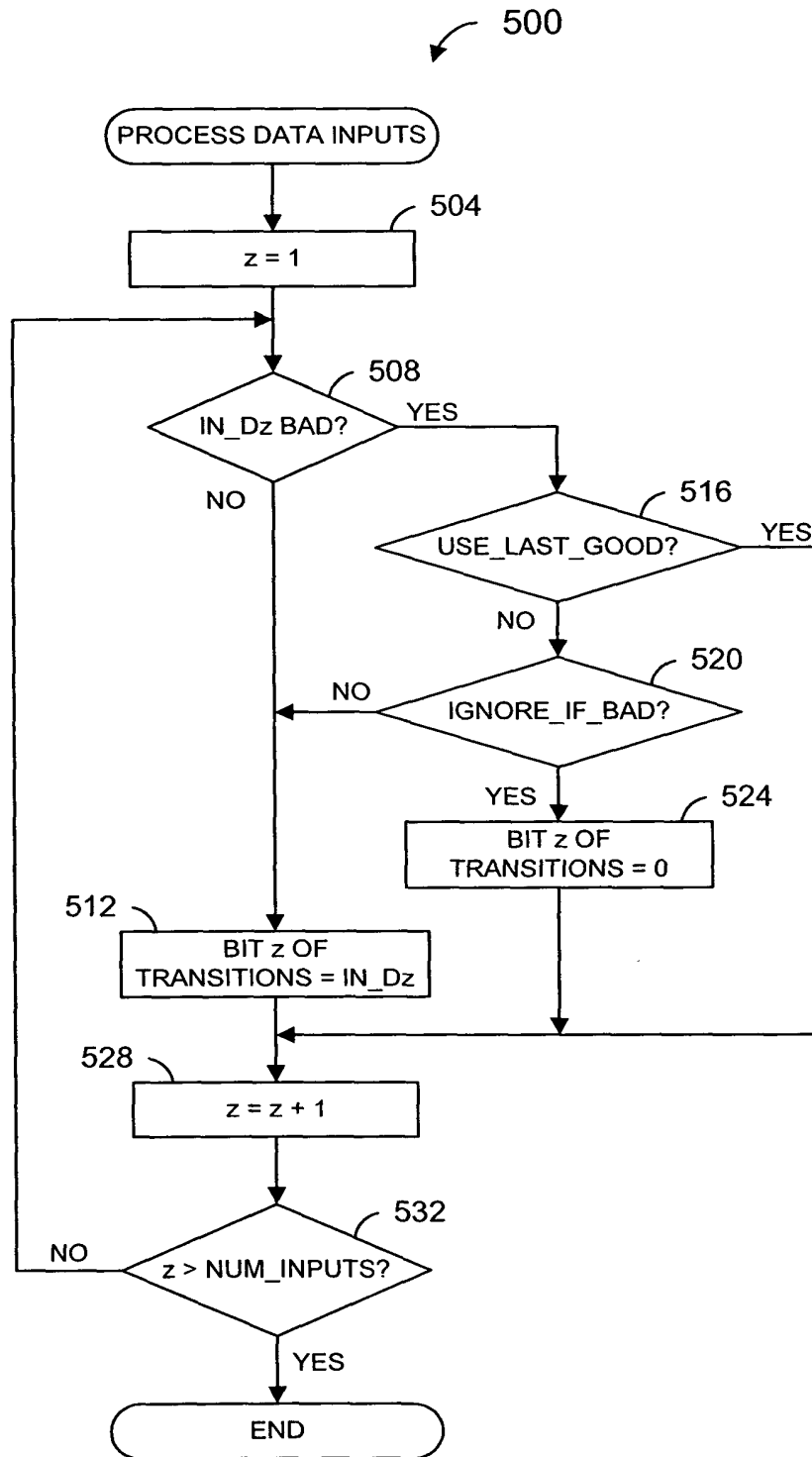


FIG. 10

8/13

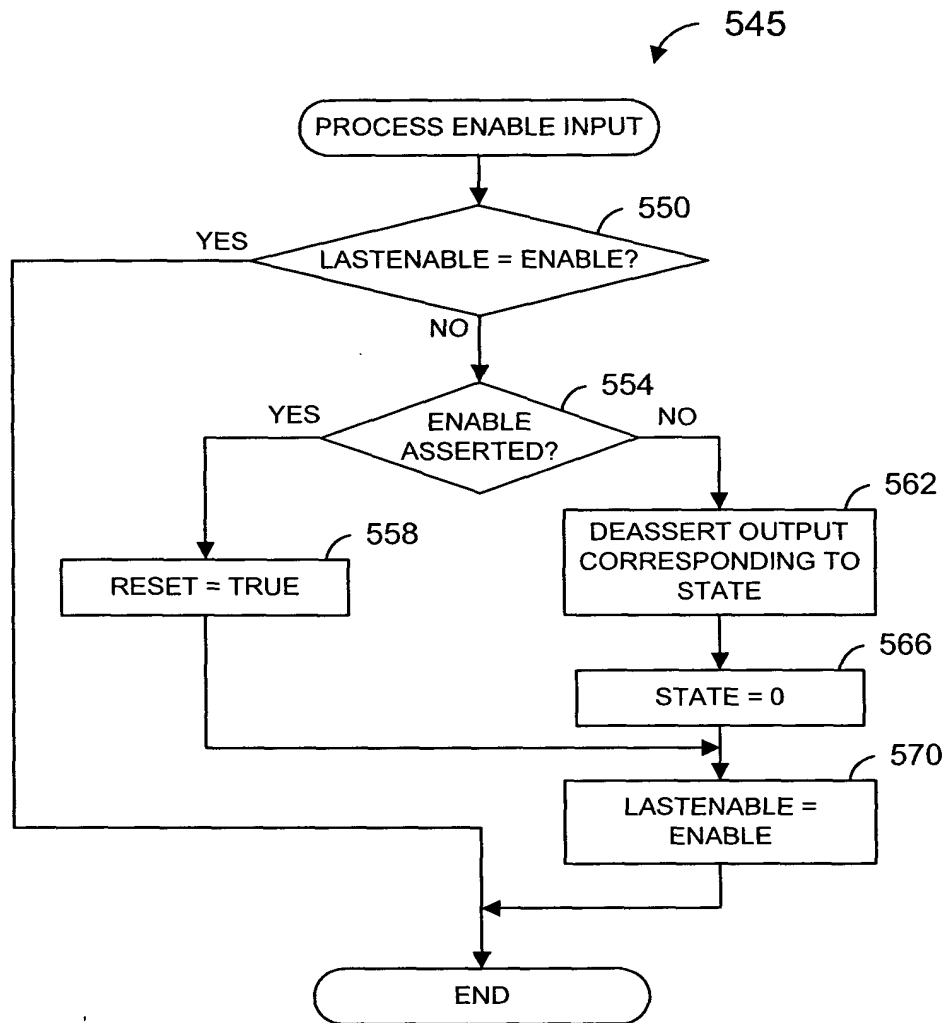
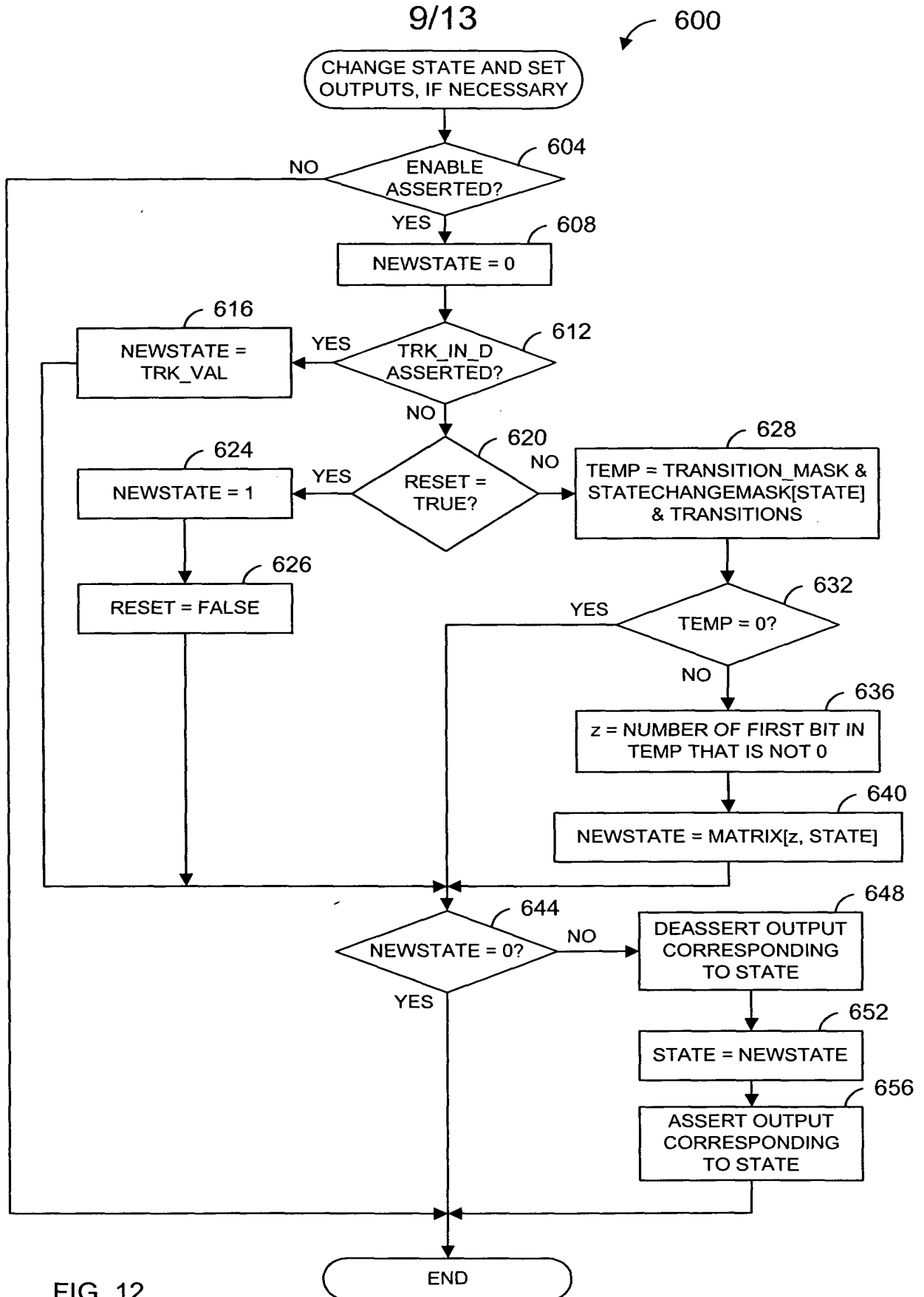


FIG. 11



700

STATES	704			
	704C 1 - OPEN VALVE VLV-101	704D 2 - TURN ON PUMP MTR-101	704A 3 - CLOSE VALVE VLV-101	704B 4 - TURN OFF PUMP MTR-101
1 - TRIPPED			X	X
2 - WAITING FOR RESET	X			
3 - READY FOR RESET		X		
4 - WAITING FOR START			X	
5 - NORMAL OPERATION	X	X		
6 - RECOVERED				X

FIG. 13

11/13

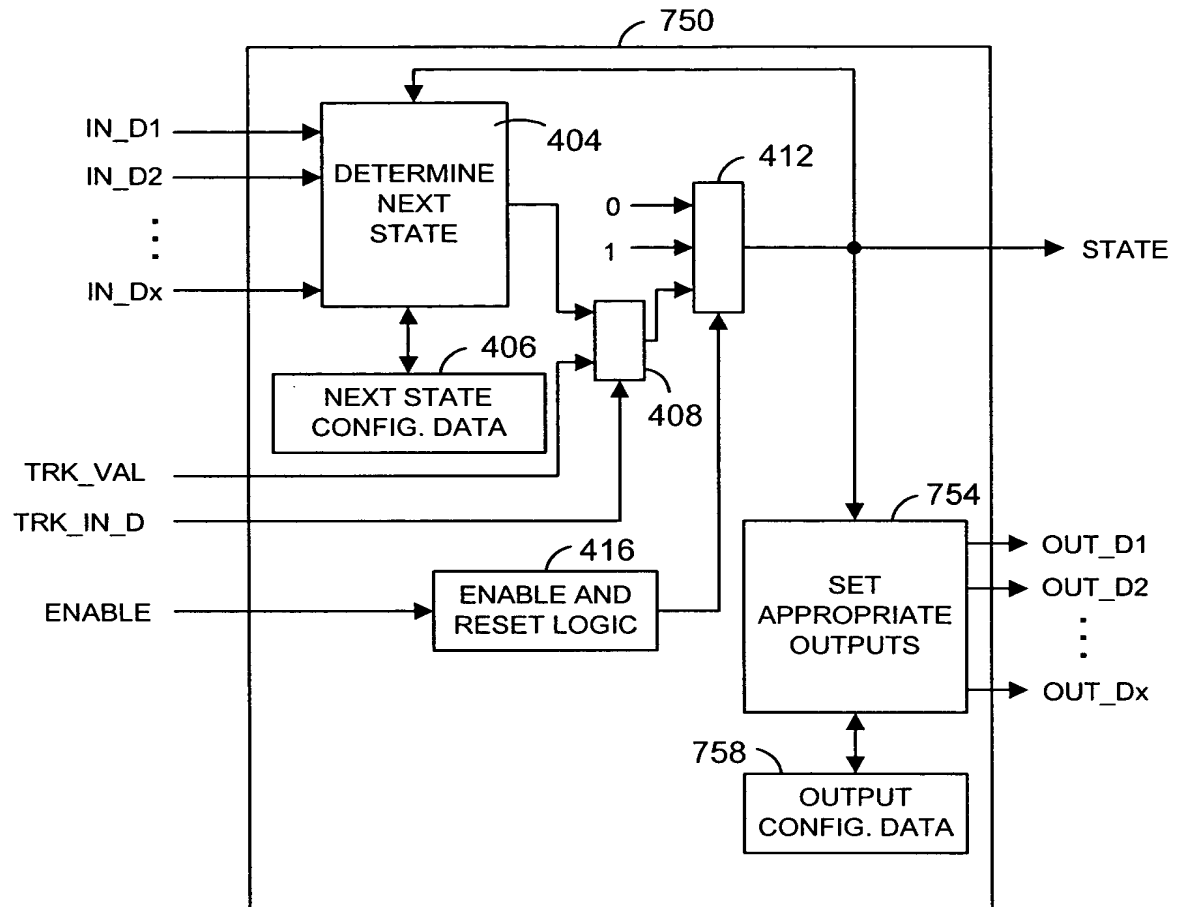
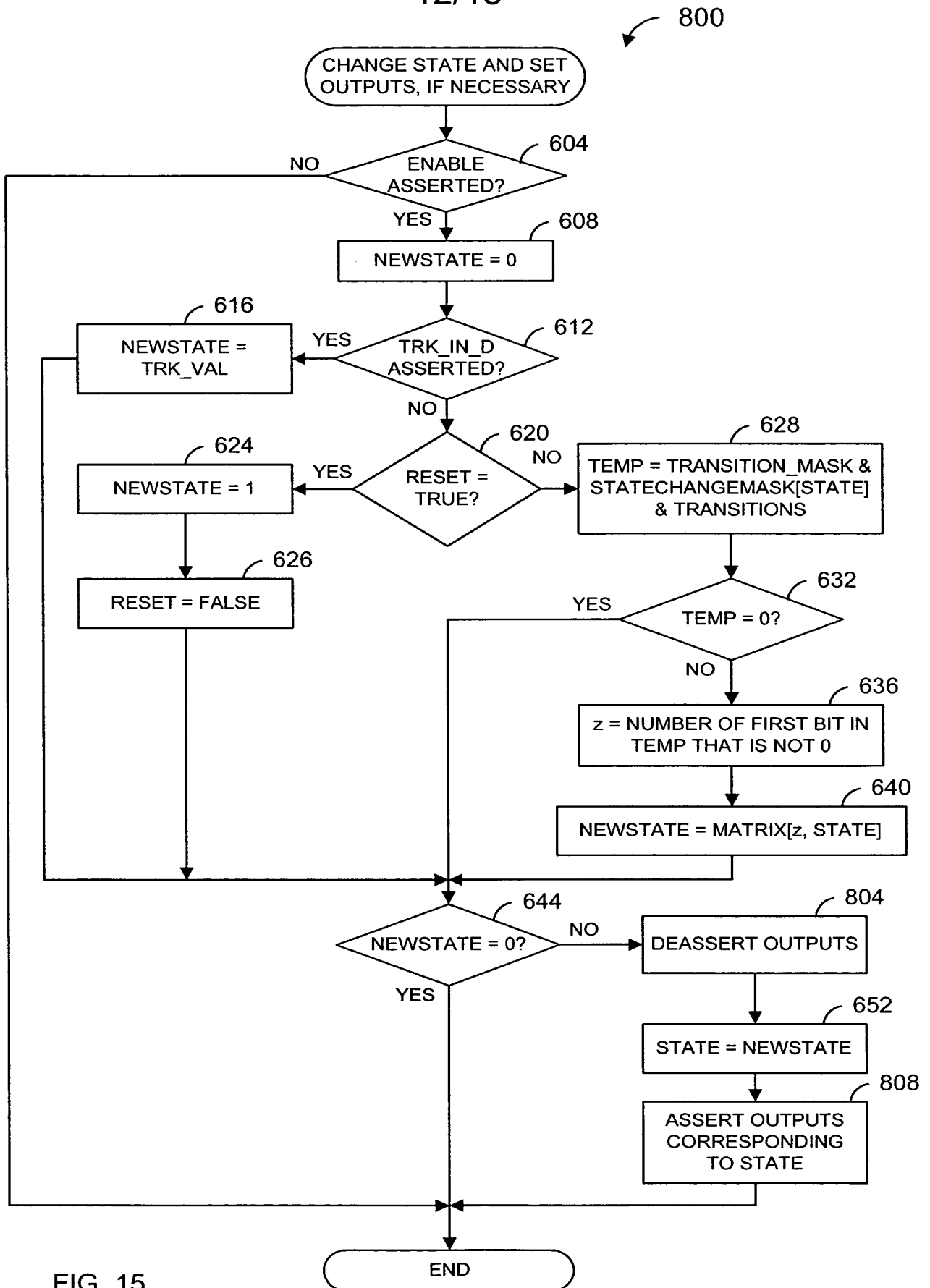


FIG. 14

12/13



13/13

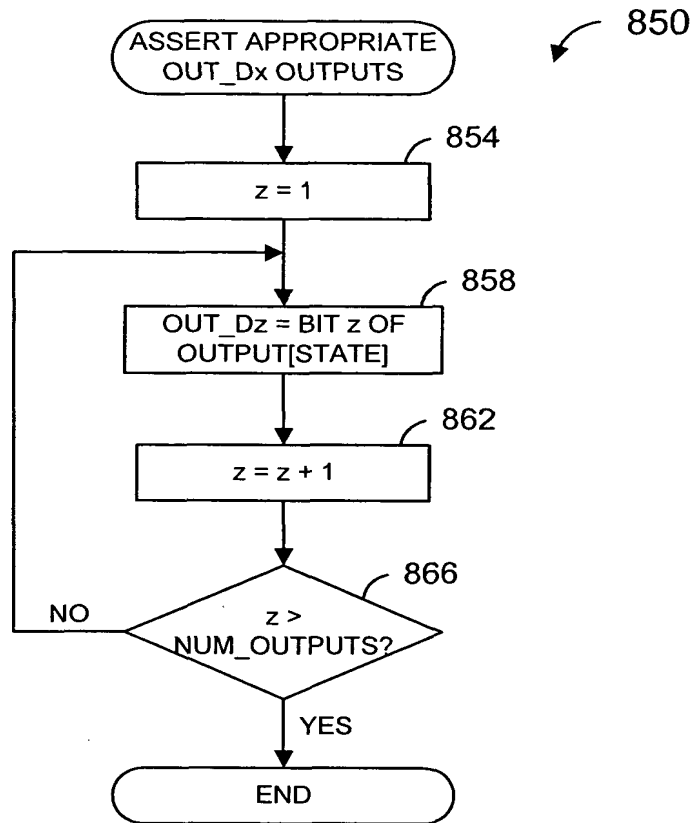


FIG. 16

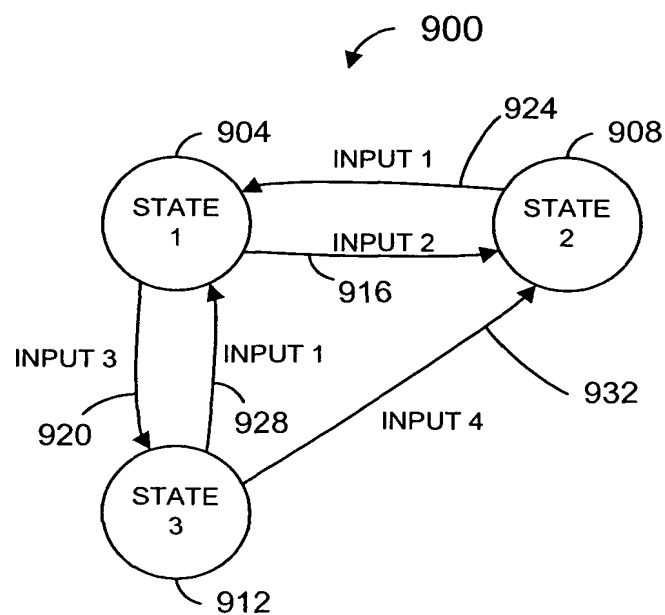


FIG. 17